



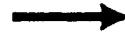
BLOOD LEUKOCYTES IN GM-CSF

Culture 1d to adhere most monocytes
Culture nonadherent cells 6d
Feed with GM-CSF, culture 3d
Rinse loose cells away



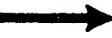
AGGREGATES AFFIXED TO A DENSE ADHERENT MONOLAYER

Dislodge aggregates with Pasteur pipettes
Subculture one well to three in GM-CSF
Culture 4-10d feeding q 3d



DENDRITIC CELL AGGREGATES AFFIXED TO SCATTERED ADHERENT CELLS

Subculture as above at 2-3 weeks



AGGREGATES ATTACHED TO A FEW ADHERENT CELLS PLUS RELEASED DENDRITIC CELLS

FIG. 1

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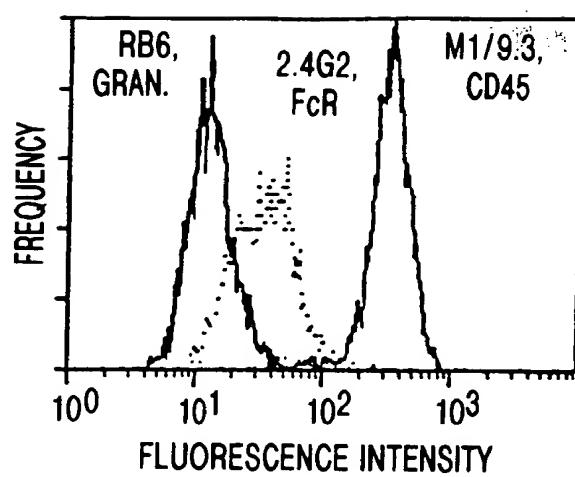


FIG. 2A

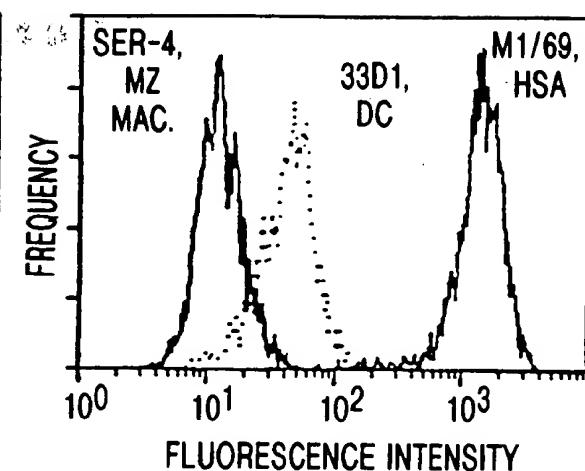


FIG. 2B

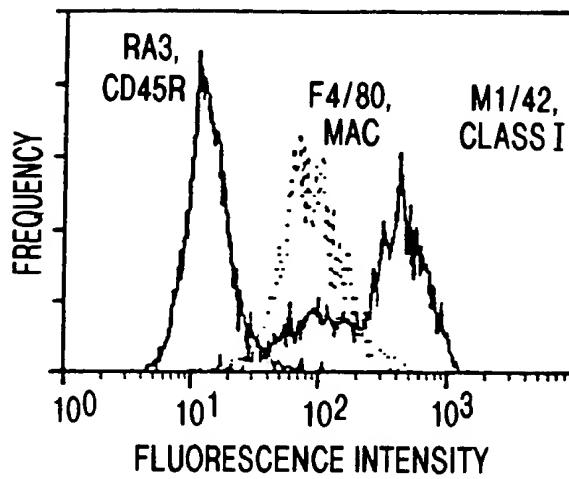


FIG. 2C

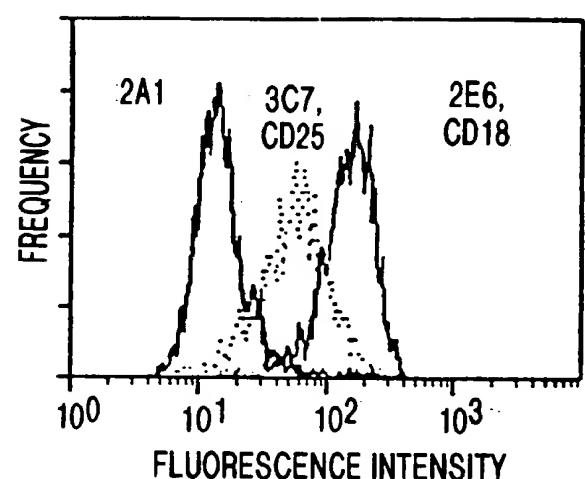


FIG. 2D

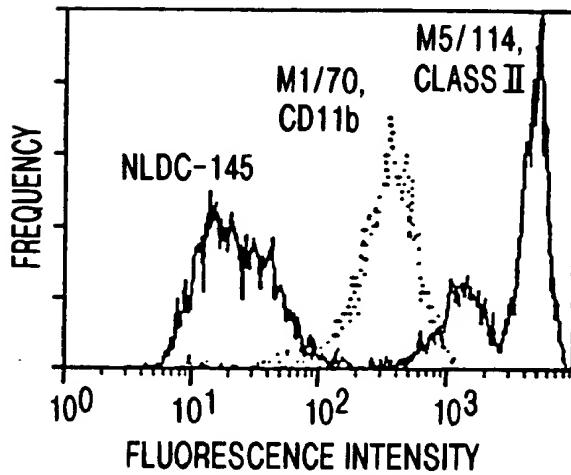


FIG. 2E

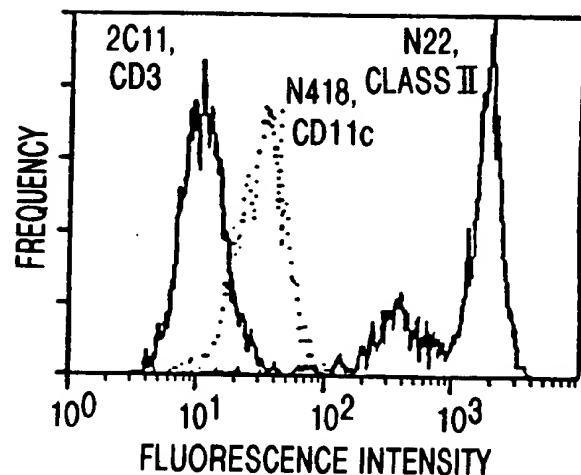


FIG. 2F

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FIG 14

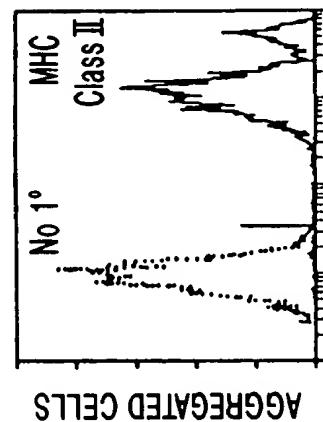


FIG. 3A

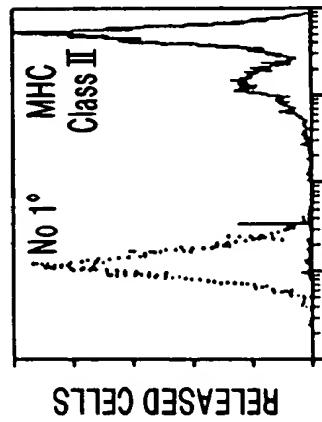


FIG. 3D

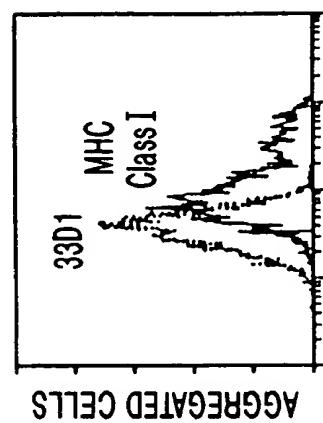


FIG. 3B

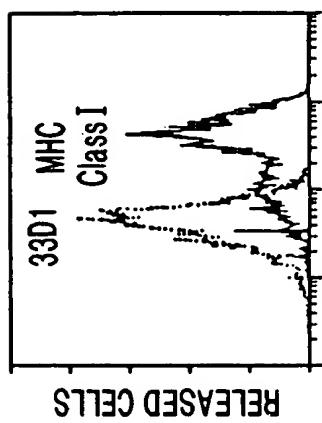


FIG. 3E

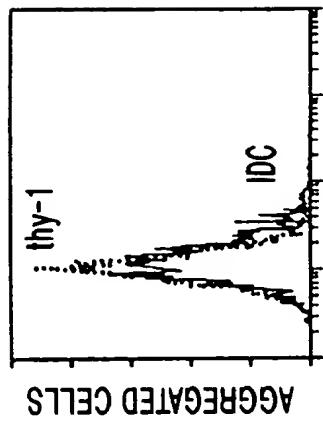


FIG. 3C

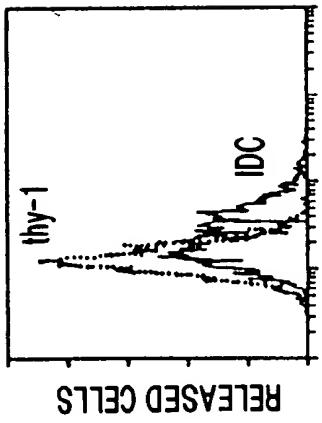


FIG. 3F

3

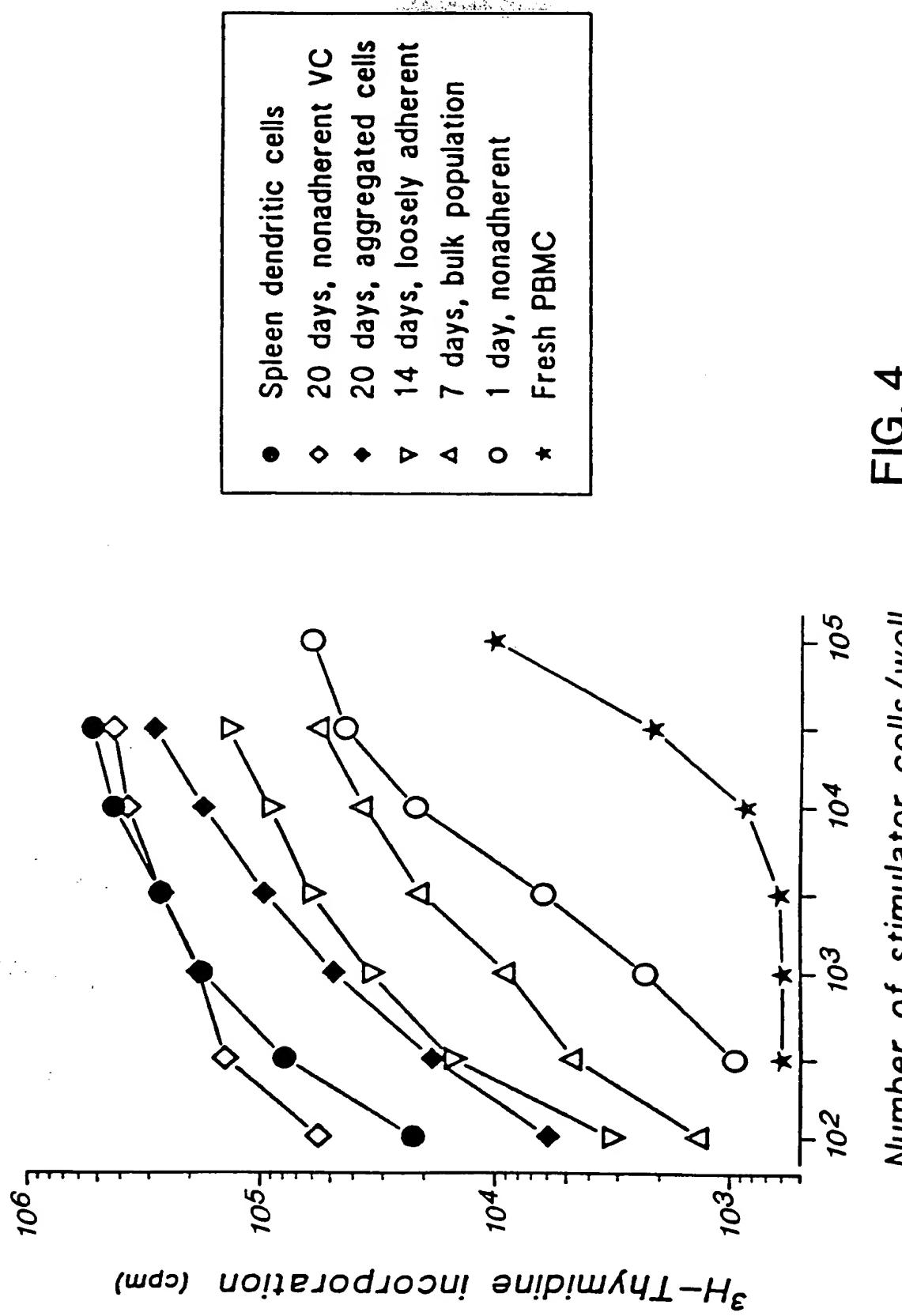


FIG. 4
Number of stimulator cells/well

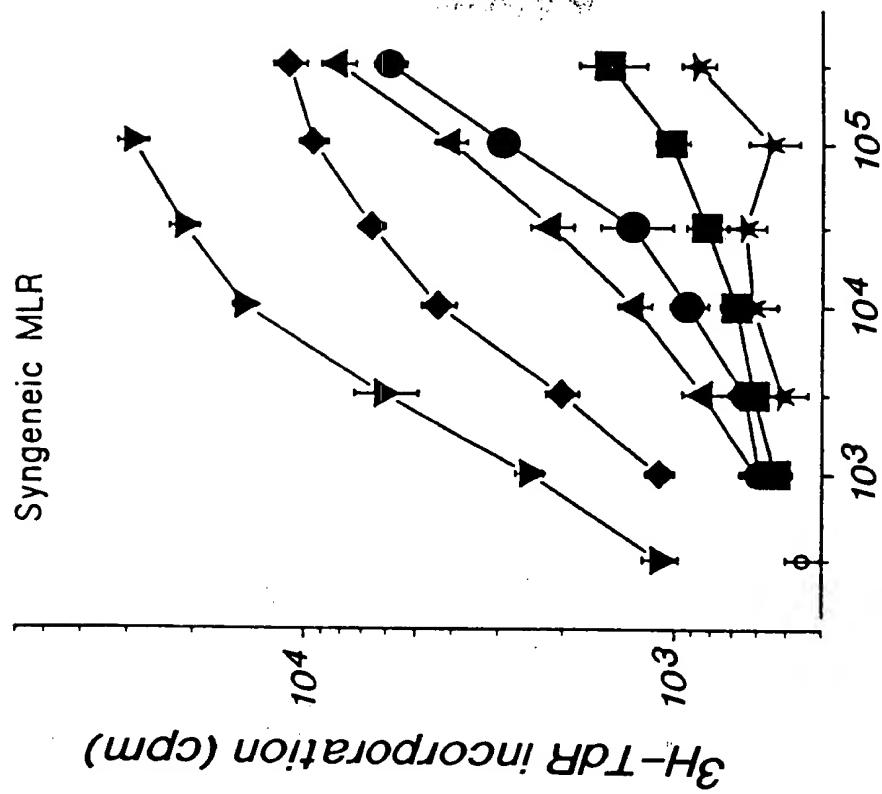
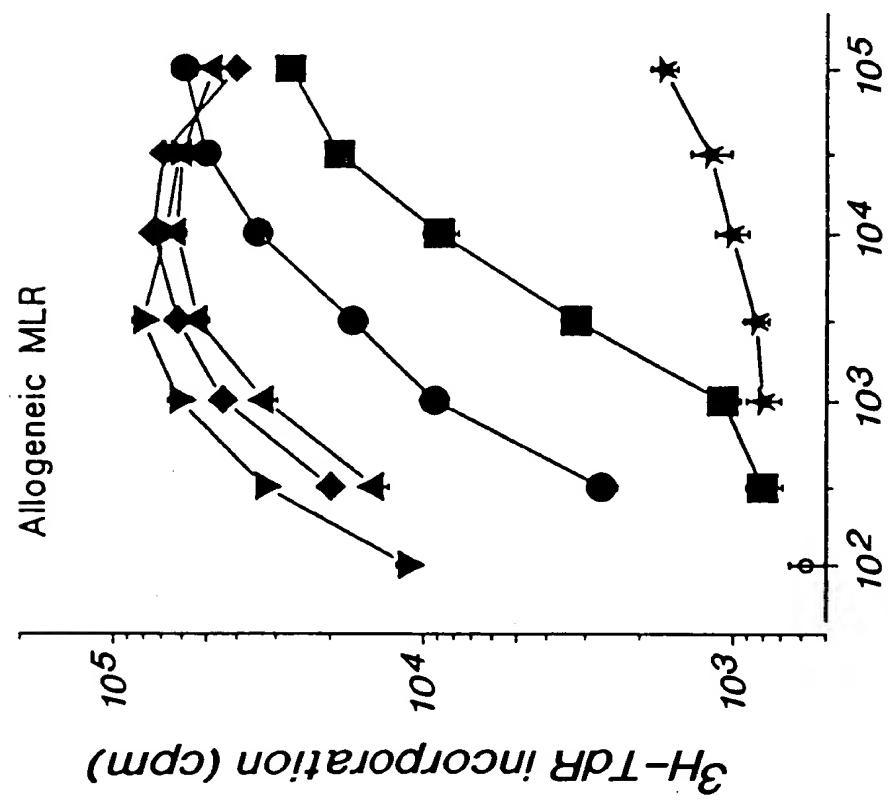


FIG. 5A Number of cells/well

* 0 day, ■ 1 day, ● 2 day, ▲ 4 day, ◆ 5 day, ▽ 6 day

FIG. 5B Number of cells/well

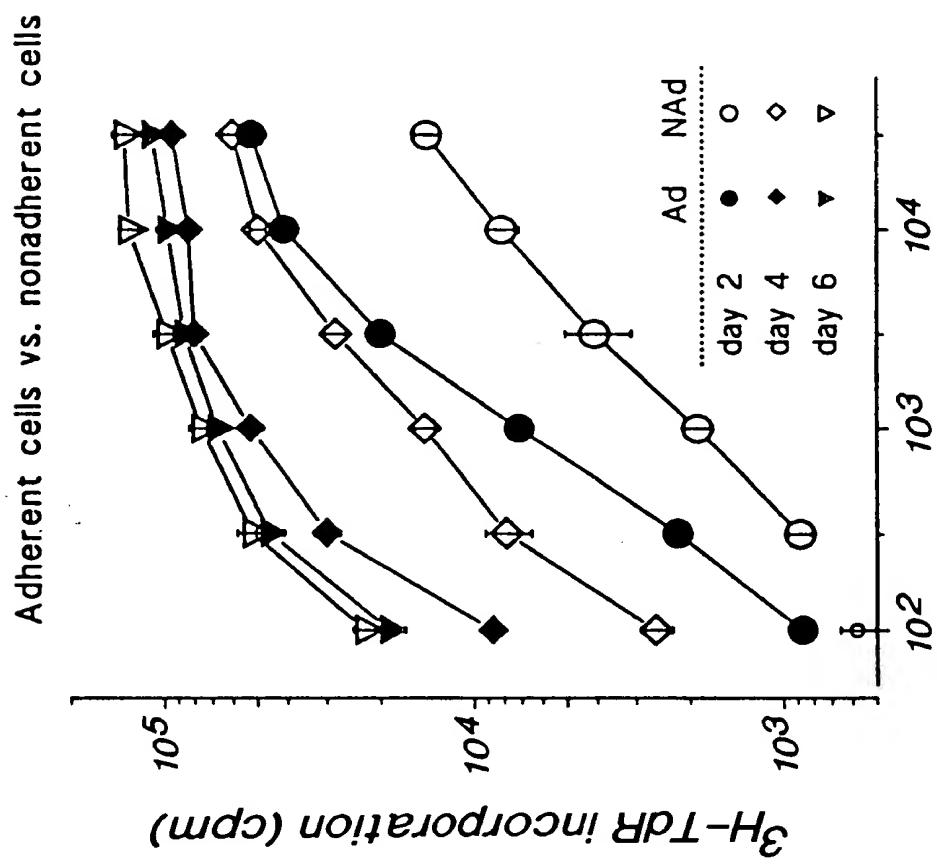


FIG. 6A
Number of cells/well

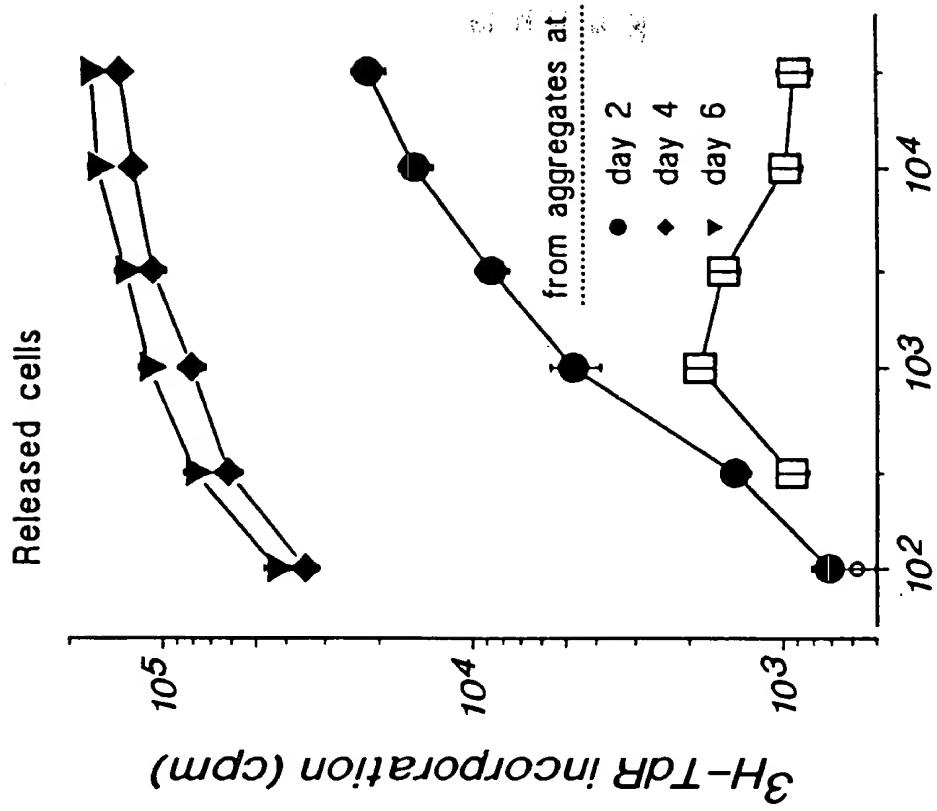


FIG. 6B
Number of cells/well

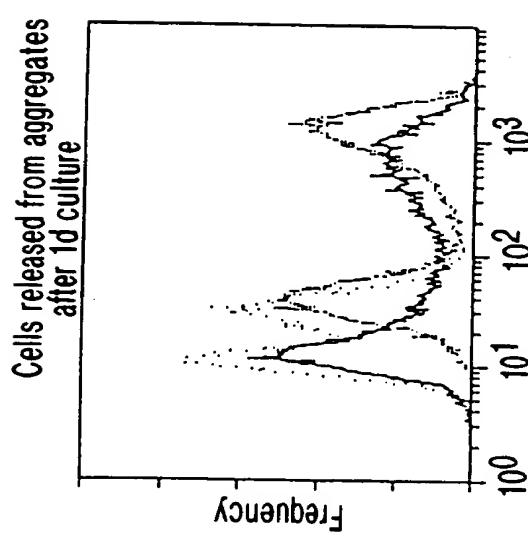


FIG. 7C

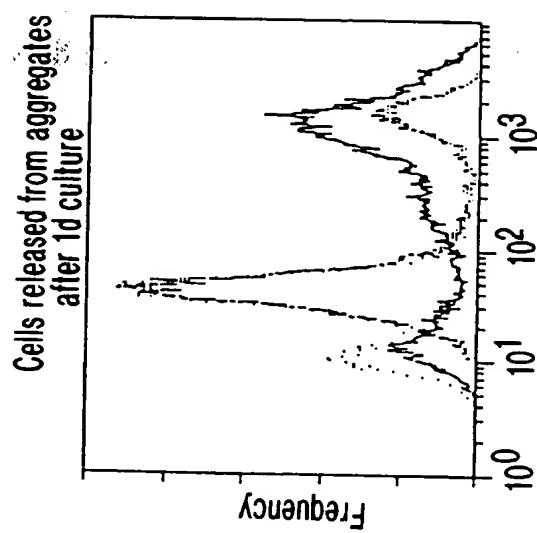


FIG. 7F

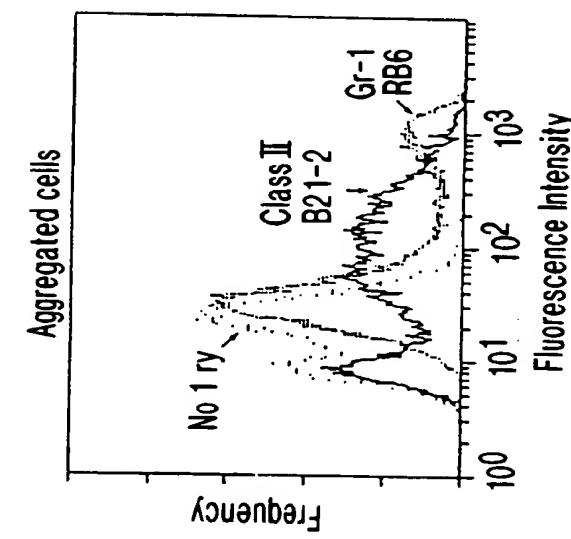


FIG. 7B

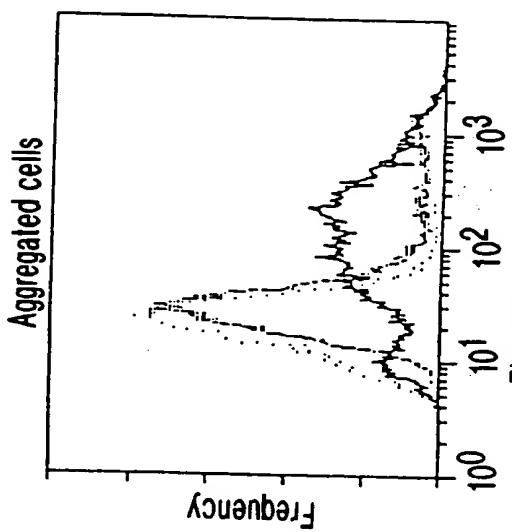


FIG. 7E

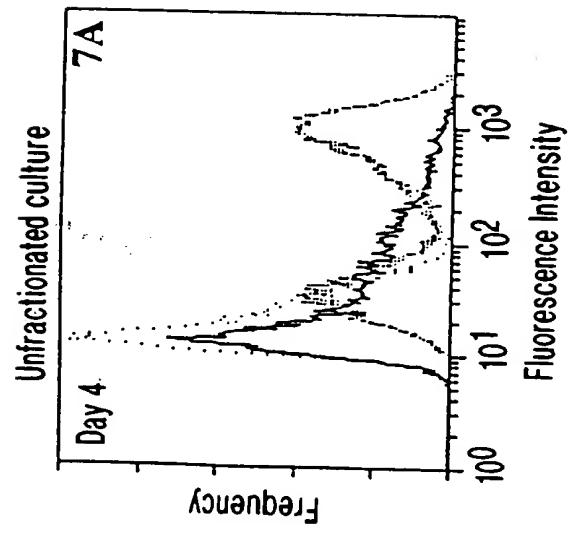


FIG. 7A

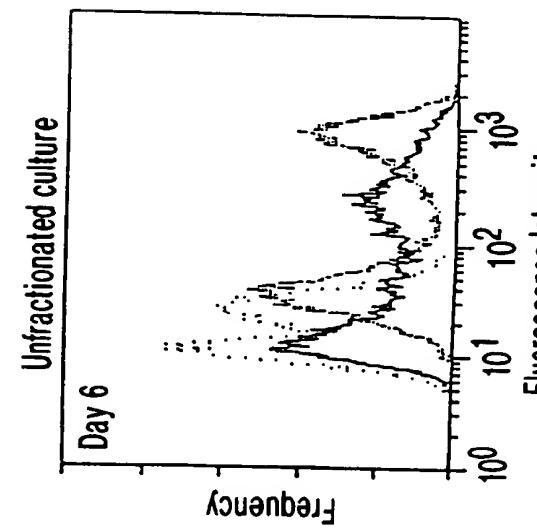


FIG. 7D

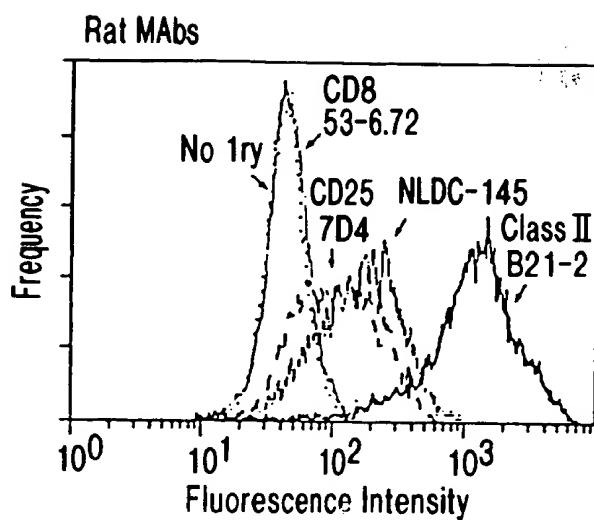


FIG. 8A

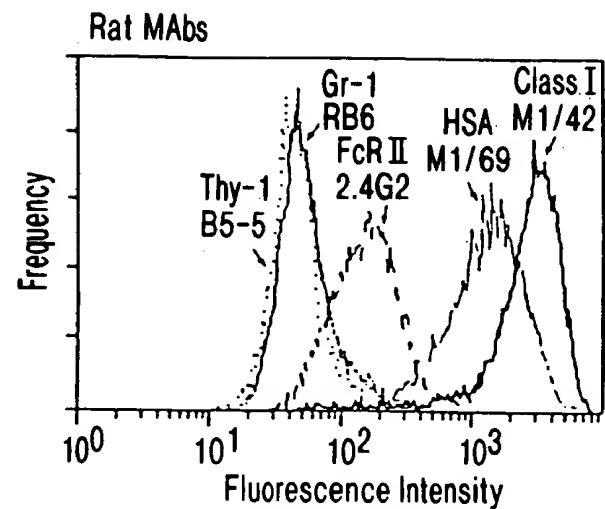


FIG. 8B

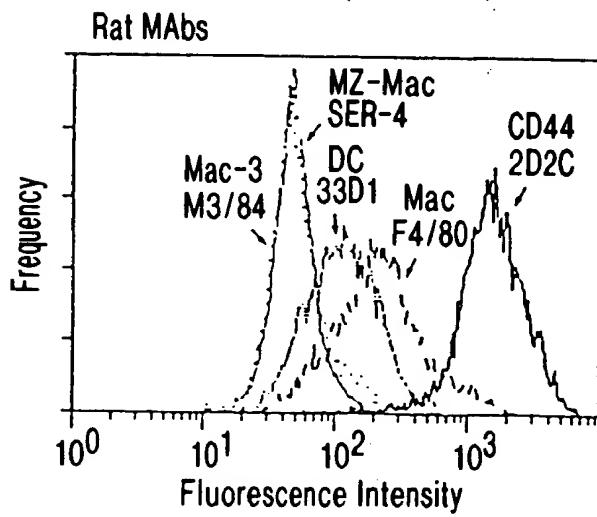


FIG. 8C

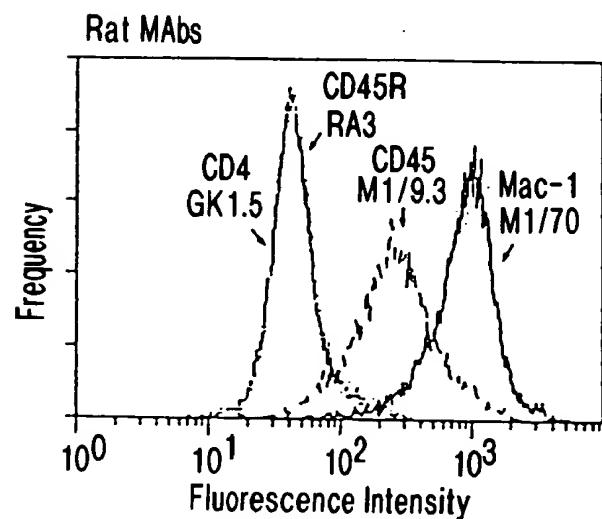


FIG. 8D

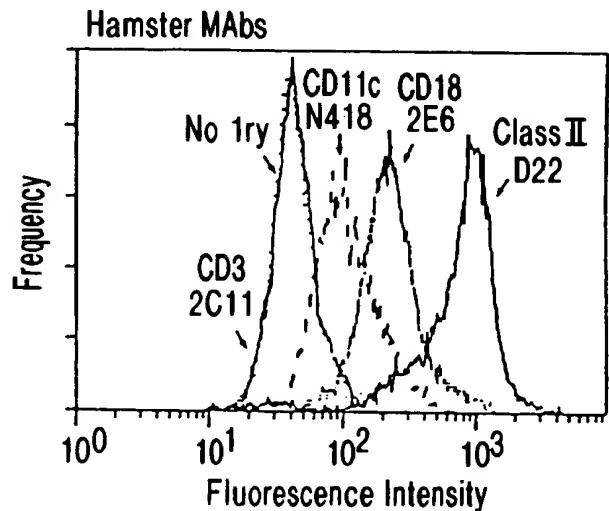


FIG. 8E

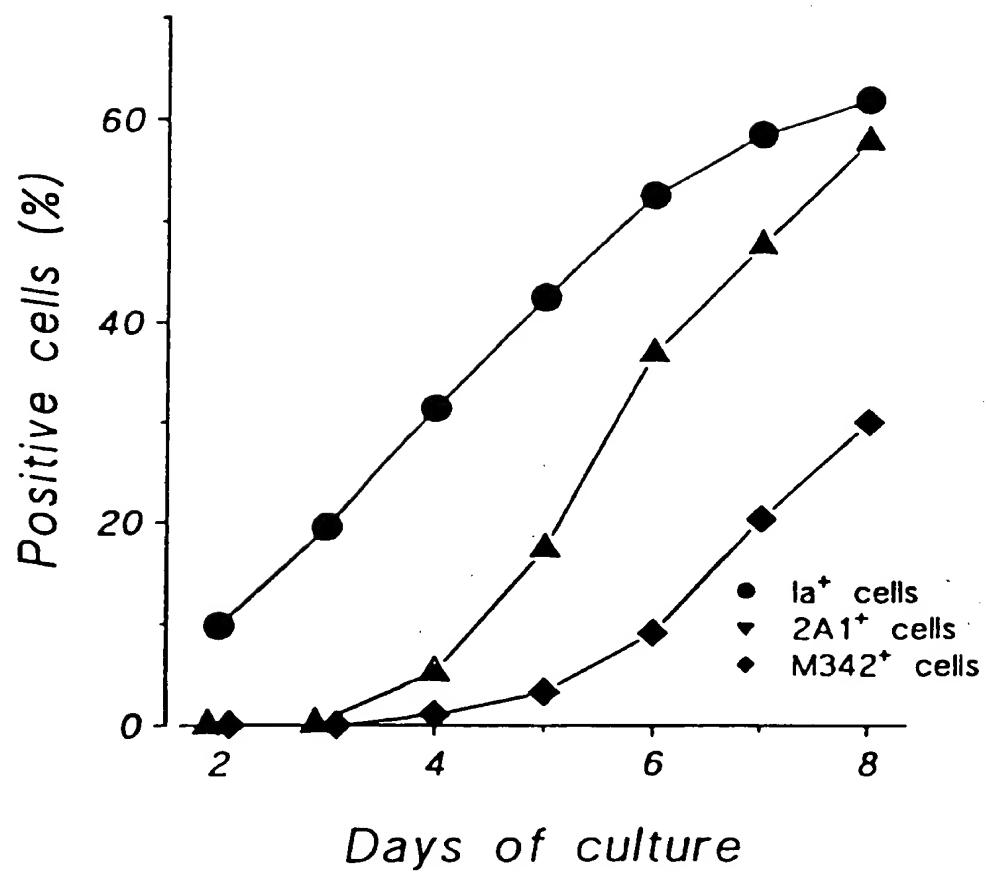


FIG. 9

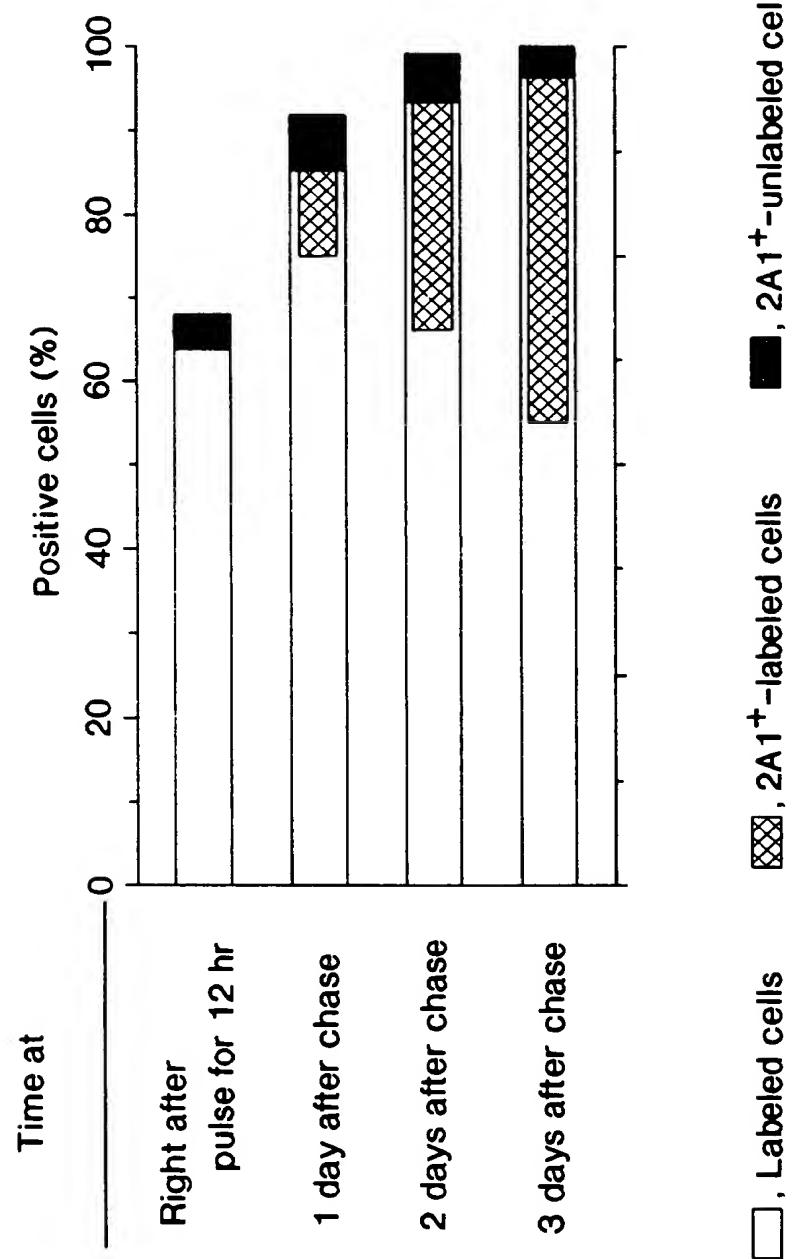


FIG. 10

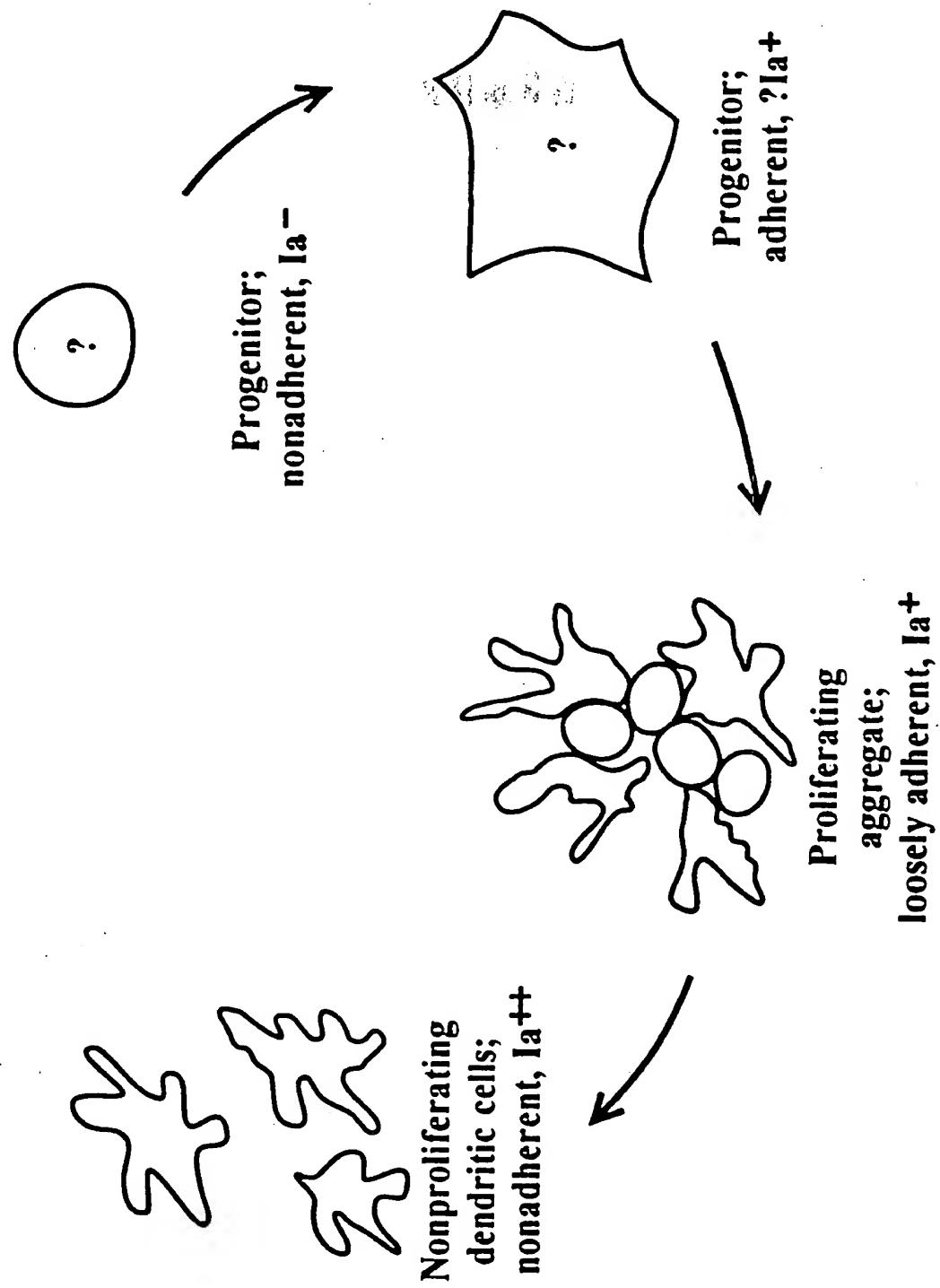


FIG. 11



FIG. I2A

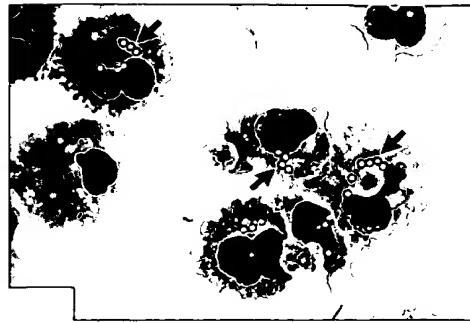


FIG. I2B



FIG. I2C



FIG. I2D

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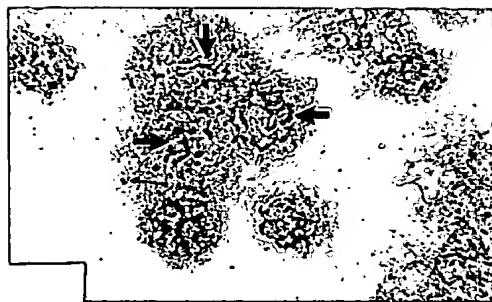


FIG. 13A



FIG. 13B



FIG. 13C



FIG. 13D

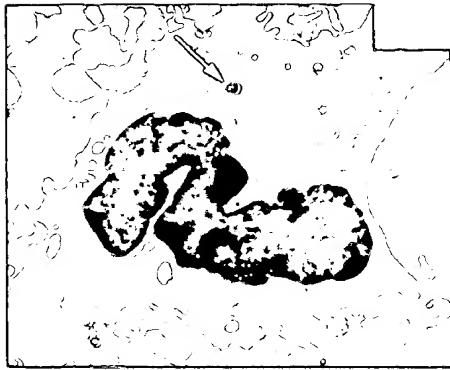


FIG. 14A

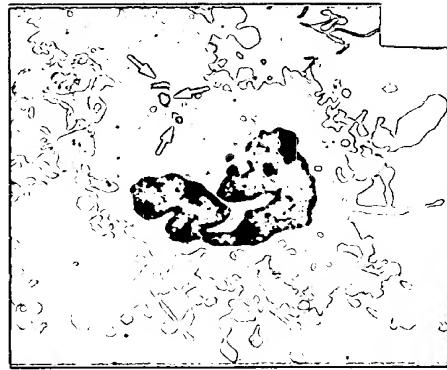


FIG. 14B

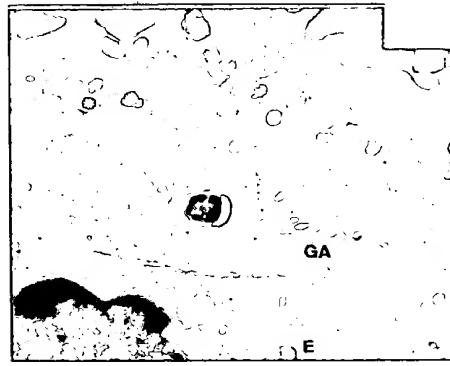


FIG. 14C

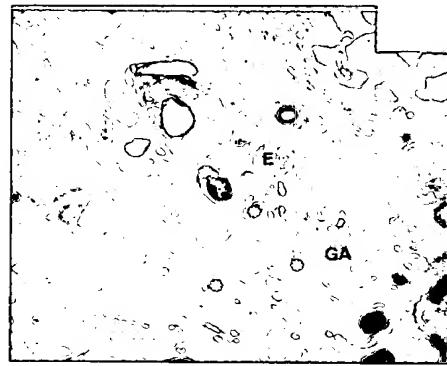
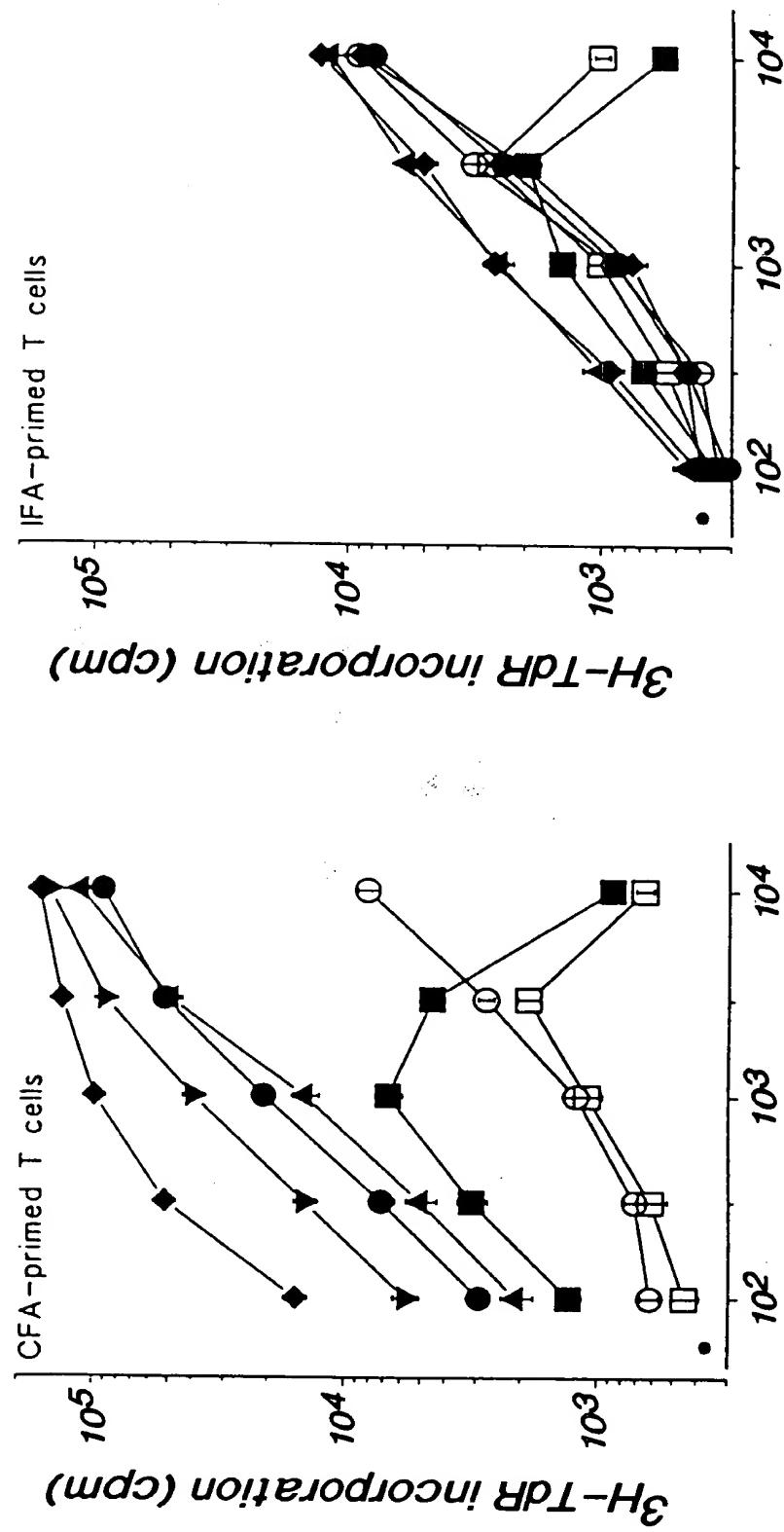


FIG. 14D

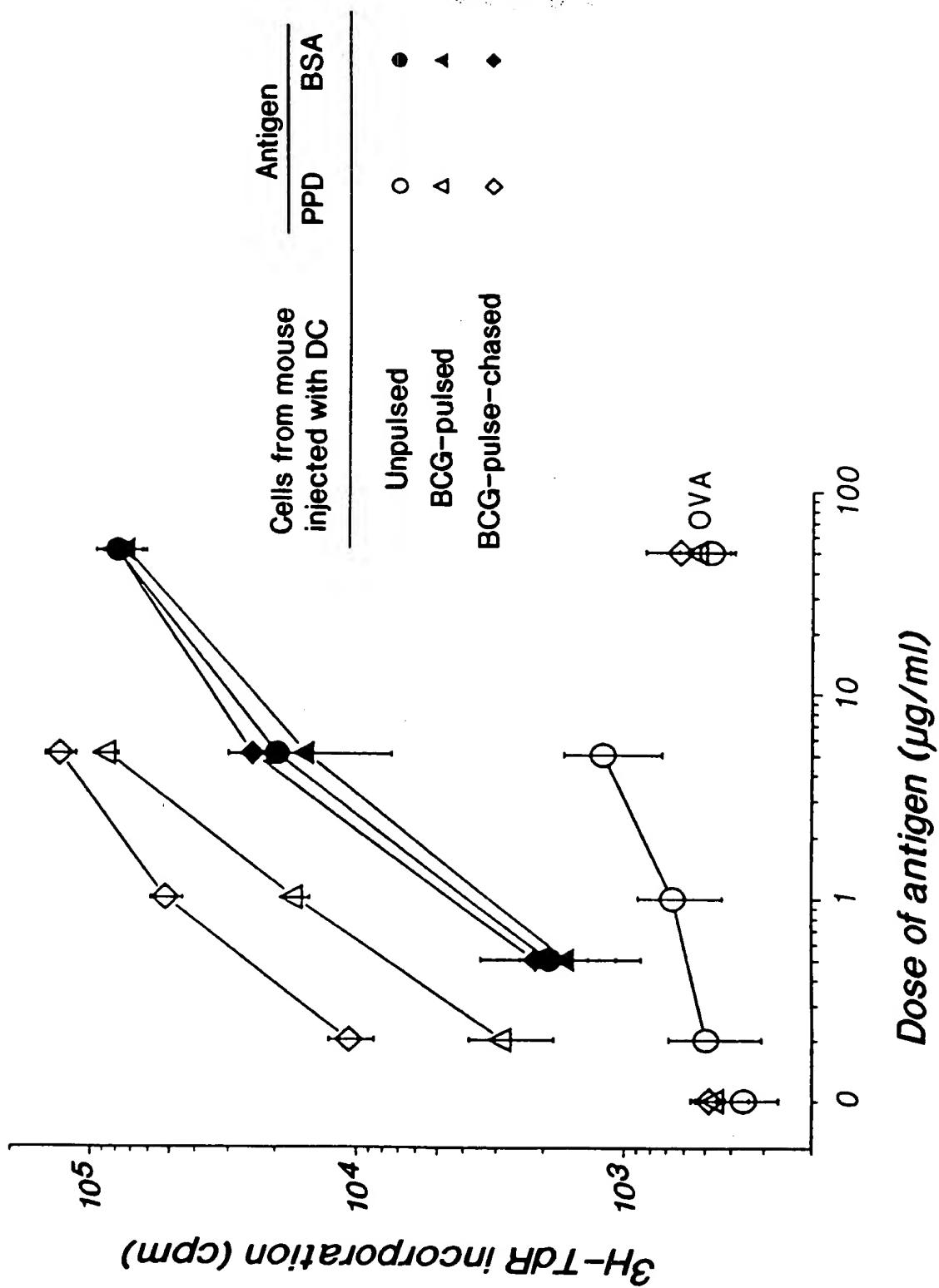
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- Unpulsed, mature DC
- Unpulsed, mature DC + PPD
- Macrophage enriched
- Macrophage enriched + PPD
- ▼ Immature, BCG-pulsed DC
- ▲ Mature, BCG-pulsed DC
- ◆ Mature, BCG-pulsed and chased DC



Number of dendritic cells/well
FIG. 15A

Number of dendritic cells/well
FIG. 15B



Dose of antigen ($\mu\text{g/ml}$)

FIG. 16

- Unpulsed mature DC
- Immature, BCG-pulsed (add BCG to growing d5-6 aggregates)
- ◀ Mature, BCG-pulsed (add BCG d7-8)
- ◆ Mature, BCG-pulsed and chased (add BCG d5-6, wash, chase to 8d)
- Macrophage-enriched (add BCG d7-8)

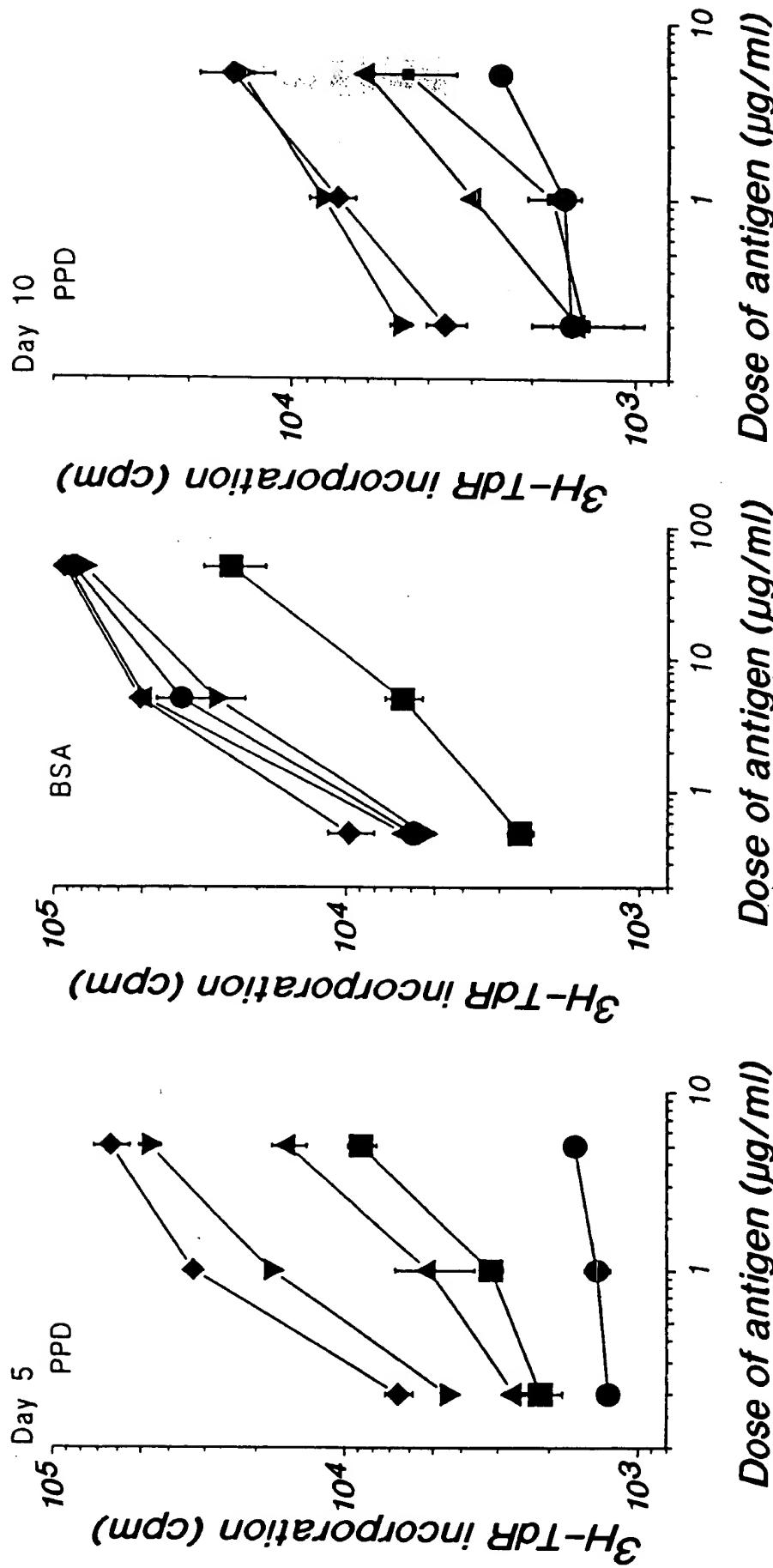


FIG. 17A

FIG. 17B

FIG. 17C

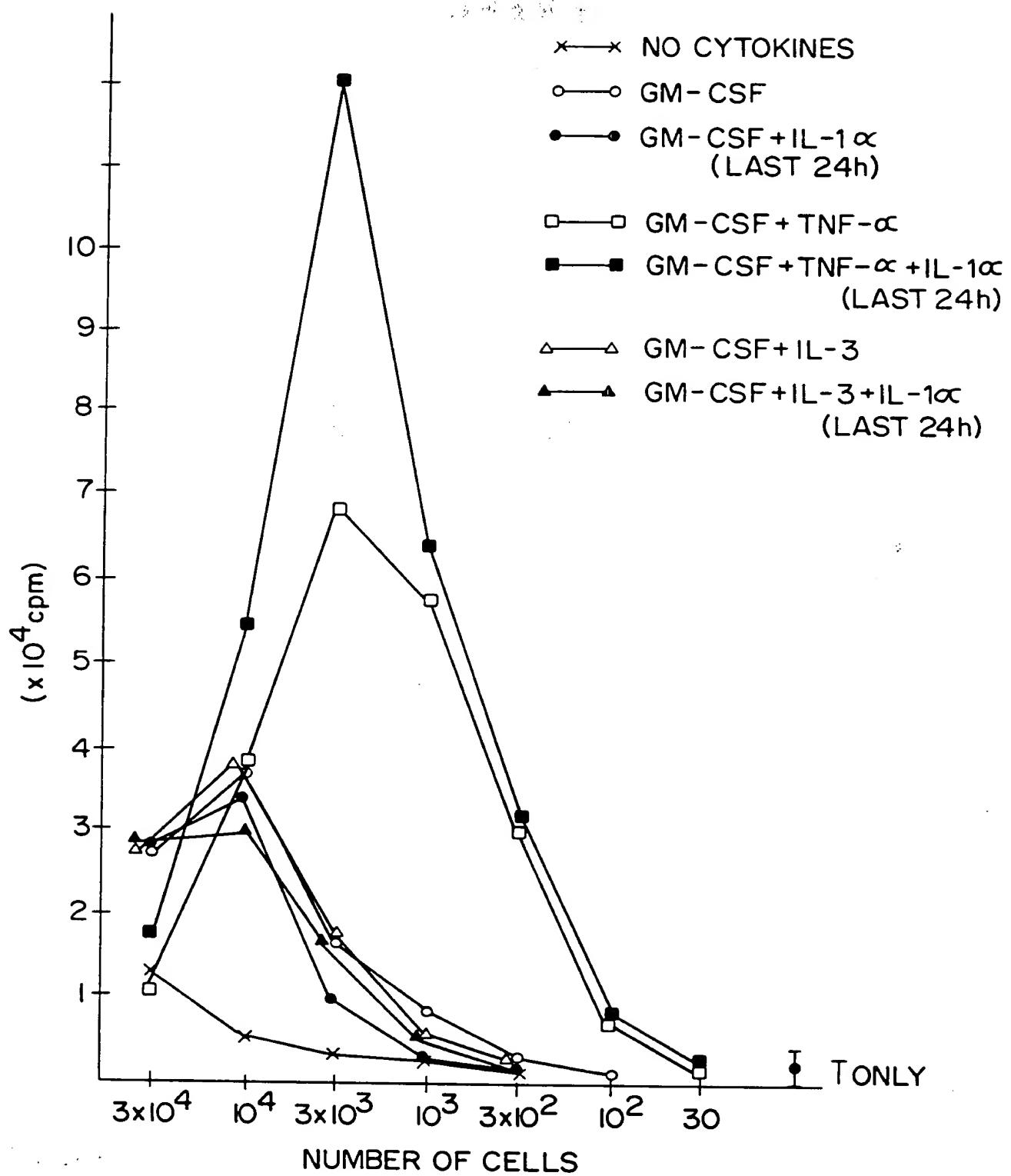


FIG. 18A

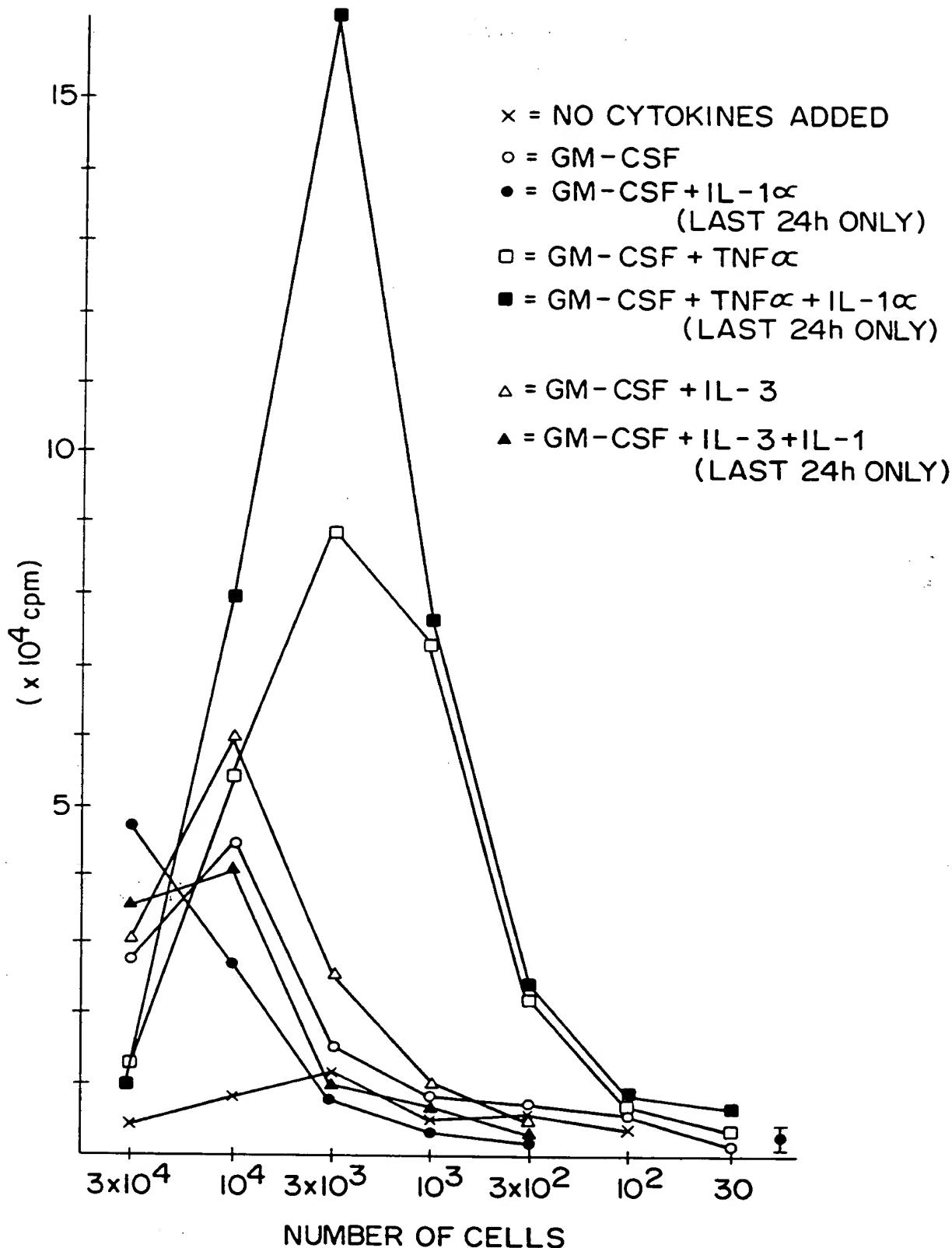


FIG. 18B

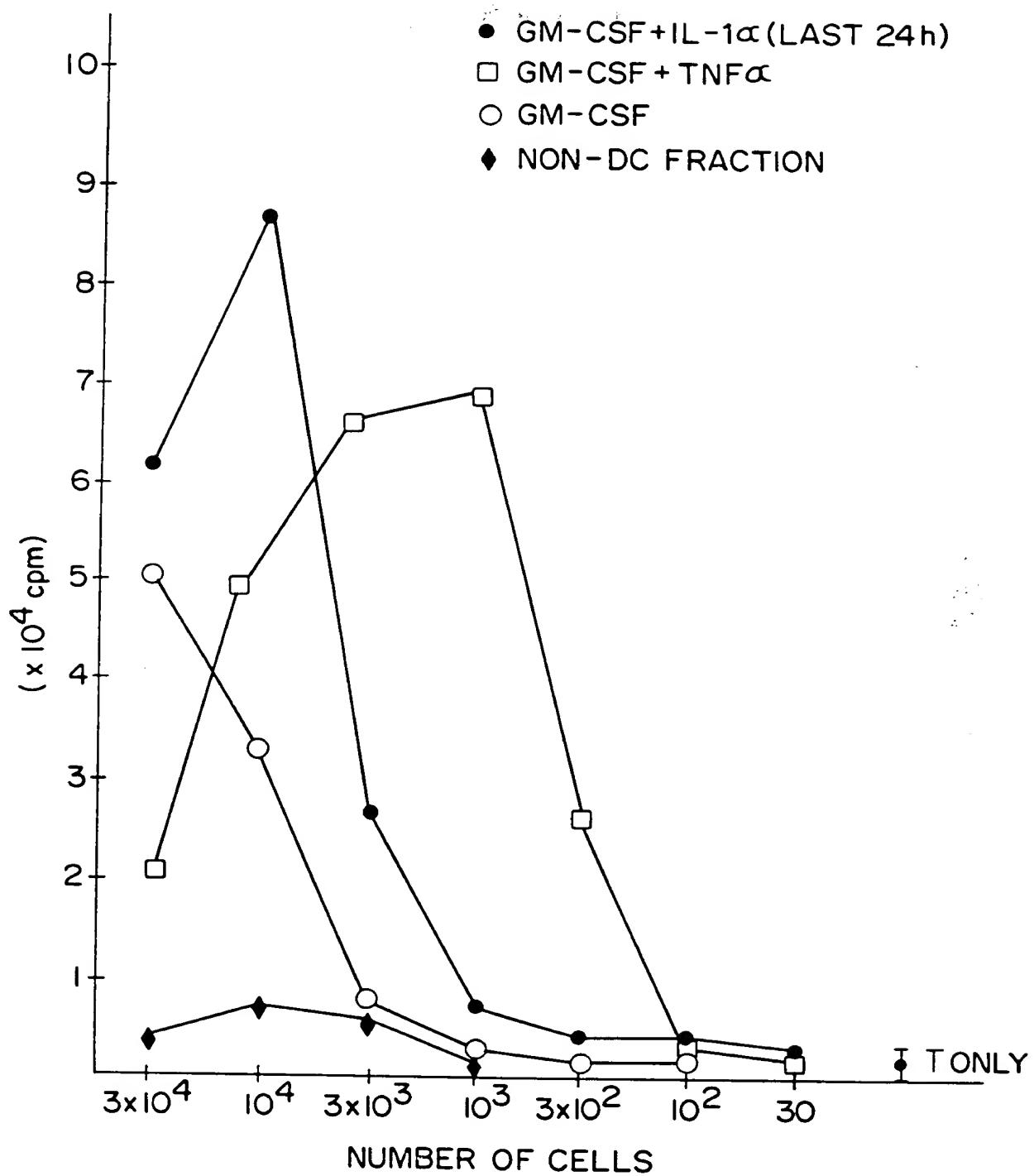


FIG. 18C

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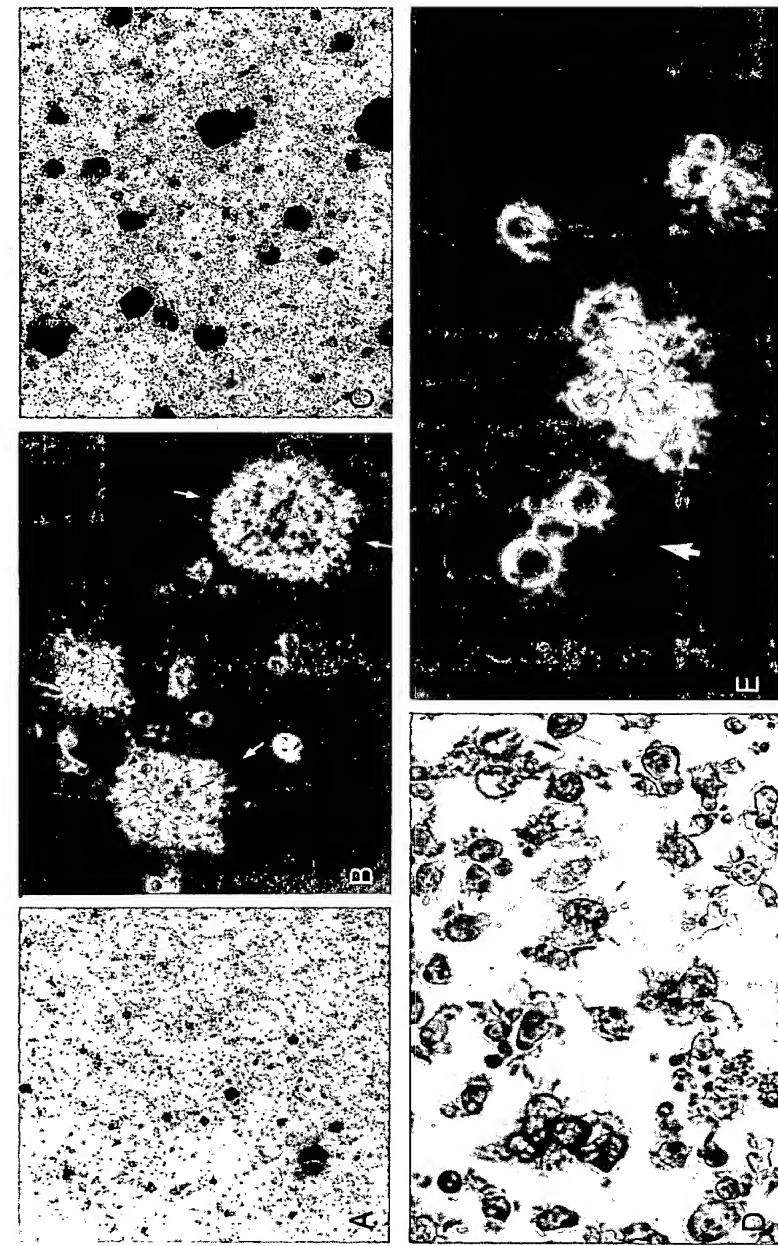
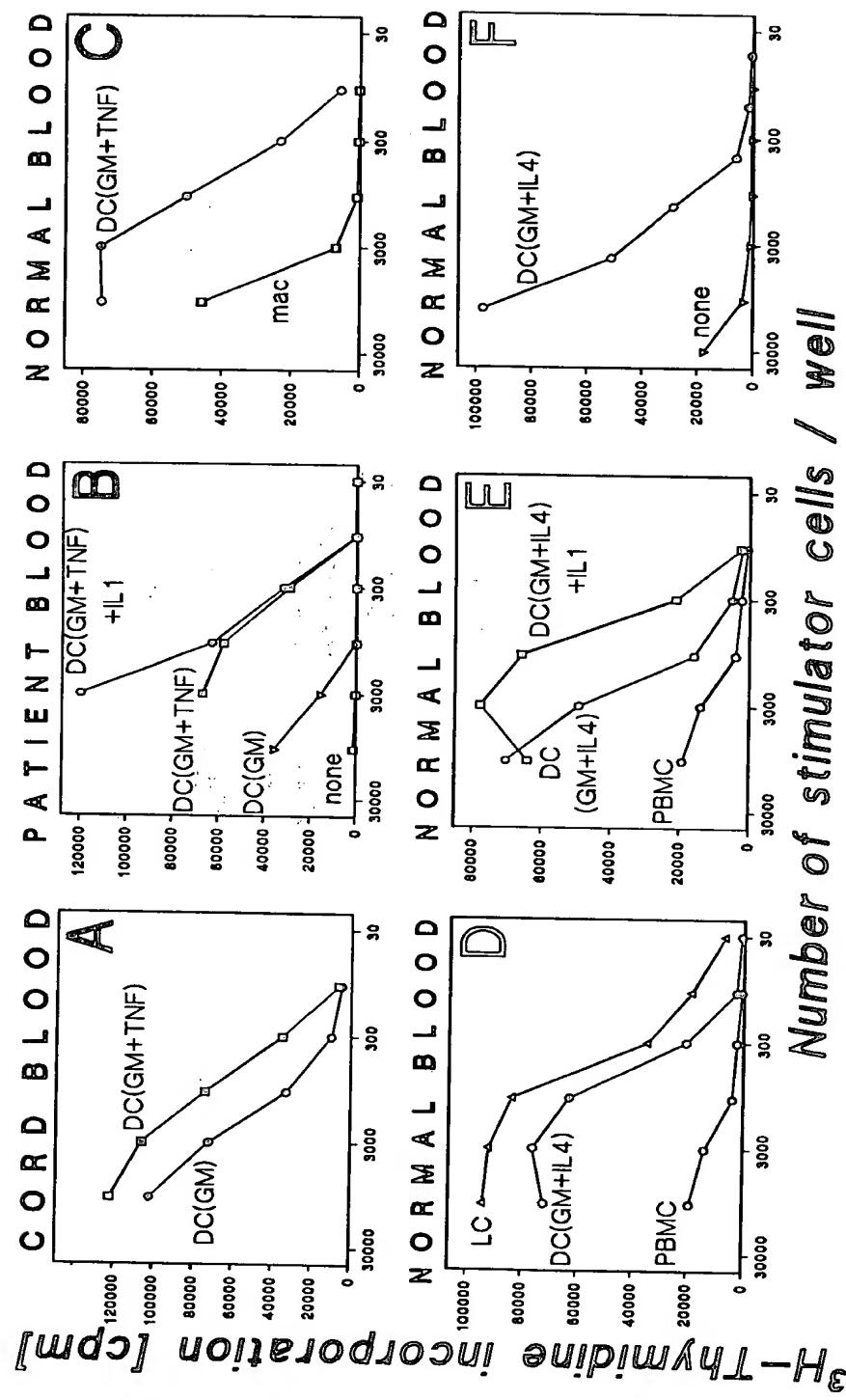


FIG. 19

2



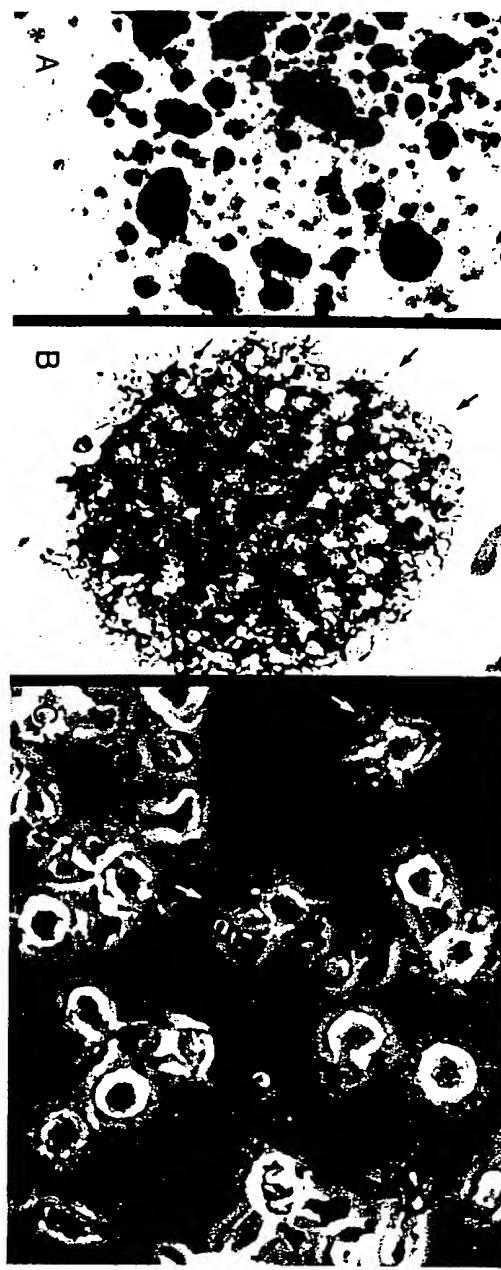


FIG. 21

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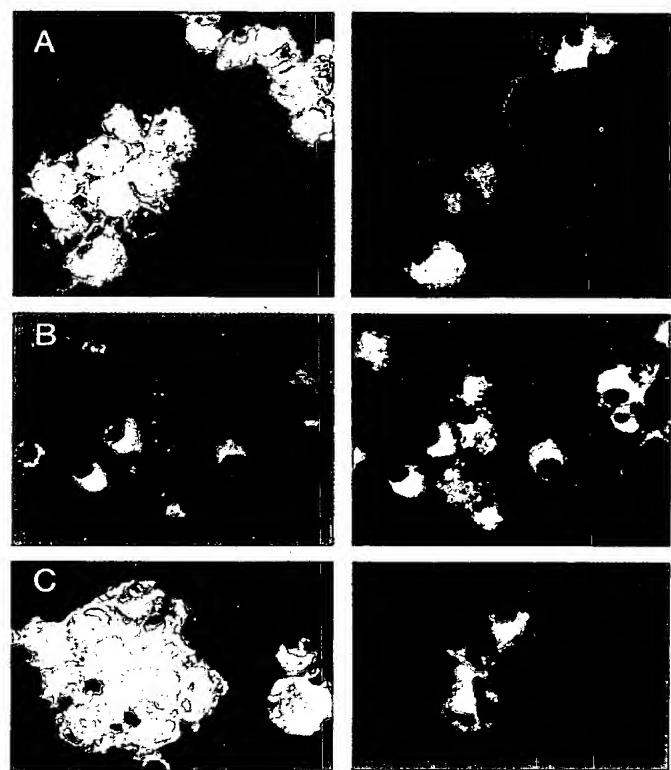


FIG. 22

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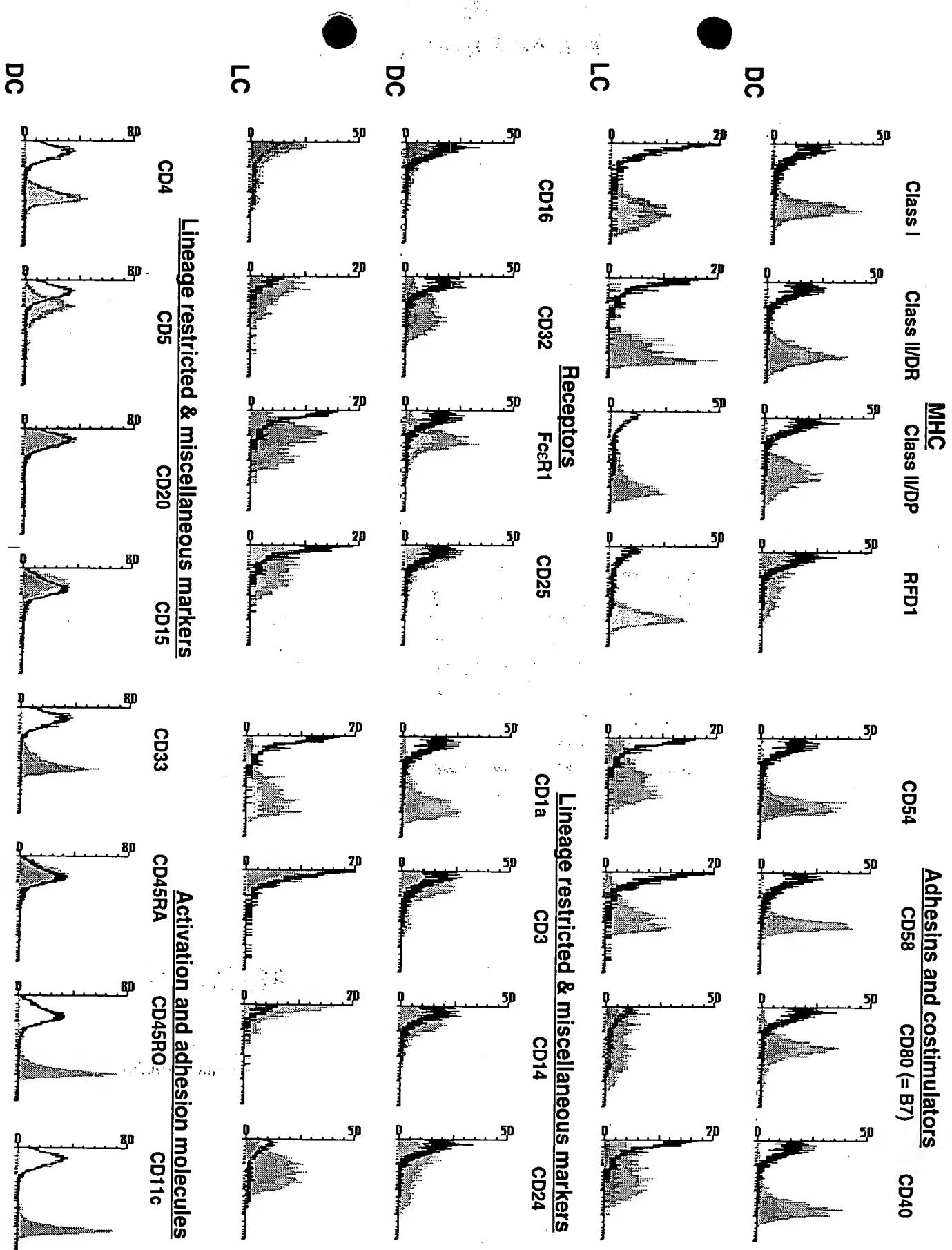


FIG. 23

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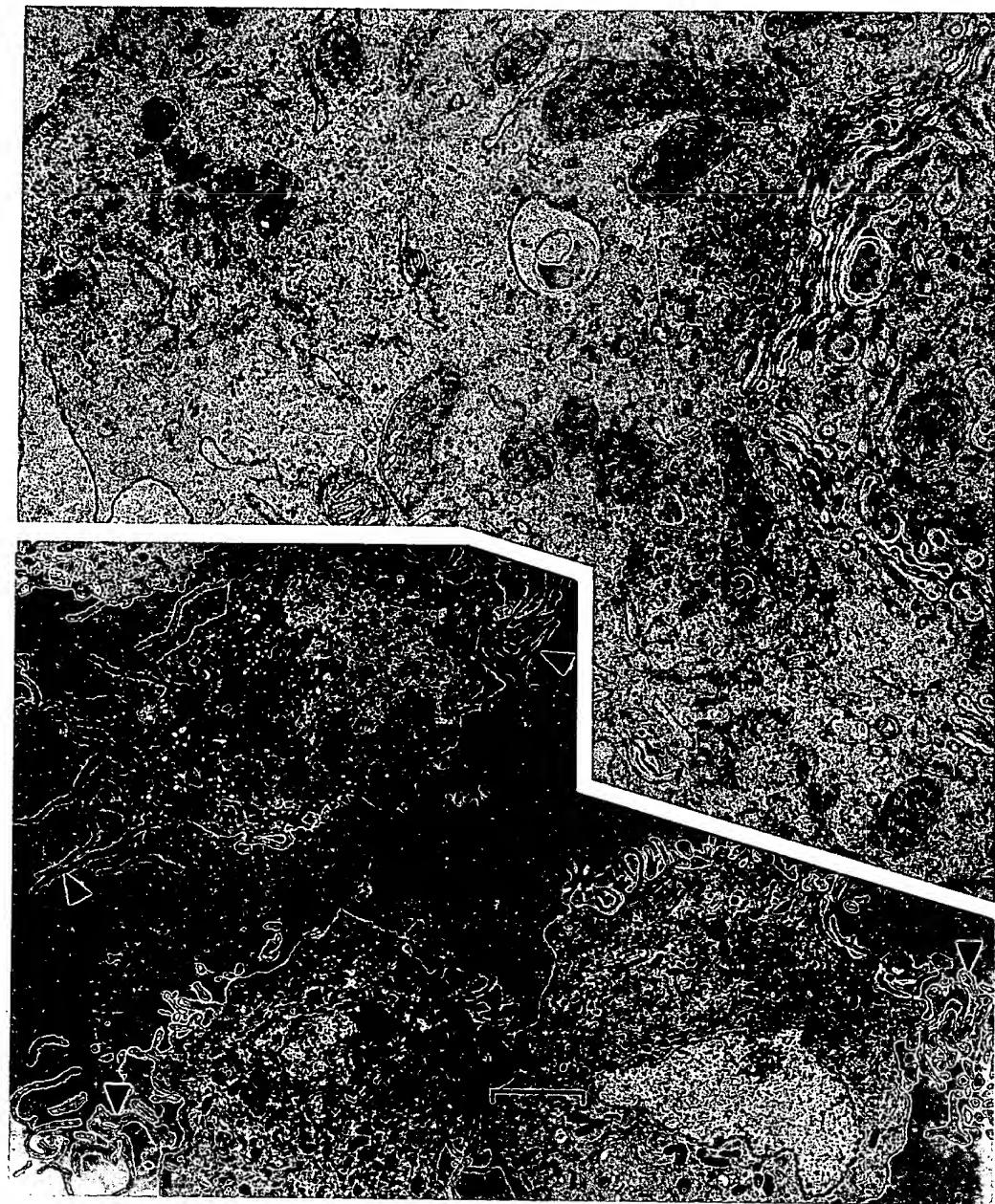


FIG. 24

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